

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A fuel gas generating apparatus for a fuel cell comprising:

a vaporizer that generates a fuel vapor by vaporizing a raw liquid fuel;

a reformer that generates a reforming gas that includes hydrogen from the raw fuel gas that has been partially oxidized by adding reforming air to the fuel vapor generated by said vaporizer;

a CO eliminator that generates a fuel gas having carbon monoxide eliminated by adding a CO eliminating air to said reforming gas generated by said reformer, ~~comprising~~; and

a reforming air amount control device that controls the supplied amount of said reforming air during the warm-up of said reformer so as to become larger than the supplied amount of reforming air during the idle operation after completion of the warm-up, said reforming air amount control device further controlling the supplied amount of said reforming air so as to decrease the supplied amount which was increased by said reforming air amount control device during said warm-up of said reformer when the temperature of said reformer is higher than a first predetermined temperature which is determined by the regenerating temperature of a reforming catalyst in said reformer.

2. (Currently Amended) A fuel gas generating apparatus for a fuel cell according to claim 1 comprising a fuel amount control device that controls the supplied amount of said raw liquid fuel during ~~the said~~ warm-up of said reformer so as to become larger than the supplied amount of raw liquid fuel during idle operation after completion of the warm-up, said fuel amount control device further controlling the supplied amount of said raw liquid fuel so as to decrease the supplied amount which was increased by said fuel amount control device during said warm-up of said reformer when said temperature of said reformer is higher than said first predetermined temperature.

3. (Original) A fuel gas generating apparatus for a fuel cell according to claim 2 wherein the ratio of the increased supplied amount of reformed air controlled by said reforming air amount control device is set larger than the ratio of the increased supplied amount of raw liquid fuel controlled by said fuel amount control device.

4. (Canceled)

5. (Currently Amended) A fuel gas generating apparatus for a fuel cell according to ~~claim 4~~ claim 1 wherein the control for decreasing the supplied amount of said reforming air ~~is causes~~ the supplied amount of said reforming air to decrease decreased depending on said detected temperature such that the temperature of said reformer becomes a second predetermined temperature lower than said first predetermined temperature.

6. (Canceled)

7. (Canceled)

8. (Currently Amended) A fuel gas generating apparatus for a fuel cell comprising:

a vaporizer that generates a fuel vapor by vaporizing a raw liquid fuel;

a reformer that generates a reforming gas that includes hydrogen from the raw fuel gas that has been partially oxidized by adding reforming air to the fuel vapor generated by said vaporizer;

a CO eliminator that generates a fuel gas having carbon monoxide eliminated by adding a CO eliminating air to said reforming gas generated by said reformer; and

a CO elimination air amount control device that controls the supplied amount of said CO eliminating air during the warm-up of said CO eliminator so as to become larger than the supplied amount of CO eliminating air during the idle operation after completion of the warm-up, said CO elimination air amount control device further controlling the supplied amount of said CO eliminating air so as to decrease the supplied amount which was increased by said CO elimination air amount control device during said warm-up of said CO eliminator when the temperature of said CO eliminator is higher than a third predetermined temperature which is determined by the regenerating temperature of a CO eliminating catalyst in said CO eliminator.

9. (Previously Presented) A fuel gas generating apparatus for a fuel cell according to claim 1 wherein said reformer and CO eliminator supply the fuel gas to the fuel cell after it has been determined that the warm-up has completed.

10. (Currently Amended) A fuel gas generating apparatus for a fuel cell according to ~~claim 4~~ claim 1 wherein said reformer and CO eliminator supply the fuel gas to the fuel cell after it has been determined that the warm-up has completed.

11. (Currently Amended) A fuel gas generating apparatus for a fuel cell according to claim 1 wherein a the reforming catalyst of the reformer is a palladium-type precious metal catalyst.

12. (New) A fuel gas generating apparatus for a fuel cell according to claim 2, wherein the control for decreasing the supplied amount of said raw liquid fuel causes the supplied amount of said raw liquid fuel to decrease such that the temperature of said reformer becomes a second predetermined temperature lower than said first predetermined temperature.

13. (New) A fuel gas generating apparatus for a fuel cell according to claim 8, wherein the control for decreasing the supplied amount of said CO eliminating air causes the supplied amount of said CO eliminating air to decrease such that the temperature of said CO eliminator becomes a fourth predetermined temperature lower than said third predetermined temperature.